

## 2-Port HDMI Automatic Video Switch - 4K with Fast Switching

**Product ID:** VS221HD4KA



Create a powerful visual experience, with the ability to switch between two 4K video sources seamlessly. This 2-port HDMI switch lets you share a monitor, projector or TV with two different HDMI enabled video sources, and switch between them with minimal disruption.

The video switch maintains Ultra HD 4K picture quality while switching between content from HDMI source devices - including Blu-ray players or DVD players, computer systems, video game consoles, digital cable and satellite boxes and A/V receivers.

4K support ensures a higher level of image clarity and visibility, delivering four times the resolution of 1080p - 8.29 million pixels versus 2.07 million pixels. It provides a more engaging visual experience for audiences in a wide range of venues including conference centers and boardrooms, home theaters, and commercial settings. With its exceptional resolution and image quality, it's also ideal for bringing your digital signage to life.

Enjoy hassle-free operation with three switching modes:

**Fast auto-switching:** ensures minimal time for switching between HDMI sources. The switch provides effortless operation with advanced auto-sensing - it detects the latest connected HDMI source and automatically switches to it. Auto-switching encourages collaboration among colleagues, by making it easy to share your projector. It also ensures no downtime in a digital signage application if a source signal is accidentally powered off or fails.

**Priority switching:** identifies one port to take first priority for HDMI sources when multiple sources are connected, ideal for applications such as digital signage.

**Manual switching:** enables you to manually select your HDMI source with front-panel buttons that are easy to use.

An IR remote control is included in the box, enabling you to select your desired input source remotely. The RS-232 serial control interface ensures easy remote operation with serial control enabled devices.

The switch also saves time during setup with EDID emulation, which ensures that all of your display settings, such as native resolution and refresh rate, are communicated between your display and video source devices. EDID emulation maximizes compatibility with your 4K display to ensure a convenient plug-and-play installation and the sharpest image quality.

The VS221HD4KA is TAA compliant and backed by a 2-year StarTech.com warranty with free lifetime technical support.

## Certifications, Reports and Compatibility



## Applications

- Share a 4K television or projector with two different 4K video sources to create a powerful visual experience in boardrooms, classrooms, home theaters, hotels, shopping malls, health centers and many other environments
- Collaborate easily with colleagues by connecting multiple users to the same display, and switch between input devices
- Enhance your home theater by connecting two A/V devices to your television, such as Blu-ray players, cable and satellite set-top boxes, and computers
- Ideal in digital signage applications - the switch is backward compatible with high-definition 1080p, so any video source will look great in your digital signage

## Features

- Impressive image quality with support for Ultra HD 4K
- 2-port 4K2K switch routes two HDMI sources to one HDMI display
- Easy operation with automatic, priority or manual switching between HDMI sources
- EDID copy support ensures accurate display output
- Versatile audio configuration with support for 5.1 or 7.1 surround sound
- IR remote control included
- RS-232 serial control interface
- Backward compatible with high-definition 1080p

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## Hardware

Warranty	2 Years
AV Input	HDMI
Ports	2
AV Output	HDMI
Audio	Yes
Industry Standards	HDMI 1.4 HDCP 1.4
Chipset ID	Microchip - PIC24

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### Performance

Maximum Digital Resolutions	4K @ 30 Hz
Supported Resolutions	3840x2160 (4K) 2560x1600 1920x1200 1920x1080 (1080p) 1280x720 (720p)
Wide Screen Supported	Yes
Audio Specifications	7.1 Surround sound

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### Connector(s)

Connector A	1 - HDMI (19 pin)
Connector B	2 - HDMI (19 pin) 1 - RJ-11

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### Indicators

LED Indicators	2 - Active port LED 1 - Power LED
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### Power

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC

Output Voltage	12V DC
Output Current	1.5
Center Tip Polarity	Positive
Plug Type	M
Power Consumption (In Watts)	18

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#### Environmental

Operating Temperature	0C to 50C (32F to 122F)
Storage Temperature	-20C to 70C (-4F to 158F)
Humidity	0% ~ 80%

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#### Physical Characteristics

Color	Black
Material	Steel
Product Length	3.9 in [10.0 cm]
Product Width	2.4 in [6.2 cm]
Product Height	0.6 in [1.4 cm]
Weight of Product	10.2 oz [290.0 g]

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#### Packaging Information

Package Length	9.3 in [23.6 cm]
Package Width	6.2 in [15.8 cm]
Package Height	1.8 in [4.6 cm]
Shipping (Package) Weight	1.8 lb [0.8 kg]

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#### What's in the Box

Included in Package	1 - 2-port HDMI switch
	1 - remote control

1 - universal power adapter (NA/EU/UK/AU)

1 - 4 ft [1.2 m] RJ11 cable

1 - RJ11 to DB-9 serial adapter

1 - mounting kit

1 - quick start guide

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***\*Product appearance and specifications are subject to change without notice.***